

FORESTRY ABSTRACTS

Volume 38



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1. **Classification.** Abstracts are classified according to the *Oxford System of Decimal Classification for Forestry* (ODC). See inside front cover. Editions of this publication are also available from other sources in a number of languages.
2. **Terminology.** Terms appearing in the *Concise Oxford Dictionary* and *Chambers' Dictionary of Science and Technology* are ordinarily used in the text without explanation. The *Terminology of Forest Science, Technology, Practice and Products* and the *British Commonwealth Forest Terminology* are followed for forestry terms.
3. **Title Citations:**

(a) *Titles.* Titles of articles appearing in periodicals or numbered serial publications are given in English only (translated if the original is not in English); titles of books and all unnumbered publications are given both in the original language and in English.

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Ch	= Chinese	In	= Indonesian	Ro	= Rumanian
Cs	= Czech	Is	= Icelandic	Ru	= Russian
Da	= Danish	It	= Italian	Sh	= Serbo-Croatian
De	= German	Ja	= Japanese	Sk	= Slovakian
Ee	= Estonian	Ko	= Korean	Sn	= Slovenian
En	= English	Li	= Lithuanian	Sv	= Swedish
Es	= Spanish	Lv	= Latvian	Tr	= Turkish
Fi	= Finnish	Ma	= Macedonian	Uk	= Ukrainian

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OB	Bodleian Library, Oxford.
OBD	Dept. of Botany, South Parks Rd., Oxford.
OH	Hope Dept. of Entomology, University Museum, Parks Road, Oxford.

ORE	Department of Agriculture, Parks Road, Oxford.
ORS	Radcliffe Science Library, South Parks Road, Oxford.
OW	ARC Weed Research Organisation, Yarnton, Oxford, OX5 1PF.
OZ	Department of Zoology, Oxford.
PO	The British Library, Science Reference Library, 25 Southampton Buildings, Chancery Lane, London W.C.2.
PR	Building Research Establishment, Princes Risborough Laboratory, Aylesbury, Bucks HP17 9PX
Reinbek	Bundesforschungsanstalt für Forst- und Holzwirtschaft, Leuschnerstrasse 91, 2050 Hamburg 80, W. Germany.
TRADA	Timber Research and Development Association, Hughenden Valley, High Wycombe, Bucks HP14 4ND.
X	Miscellaneous; apply to Commonwealth Forestry Bureau for details.

4. Abbreviations and Symbols

(a) Abbreviations include:

a.e.	= acid equivalent	g.b.h.	= girth, breast	oz	= ounce(s)
a.i.	= active ingredient		height	p.a.	= per annum
b.a.	= basal area	hp	= horse-power	p.a.i	= periodic annual
bd ft	= board foot (feet)	ht.	= height		increment
b.h.	= breast height	lb	= pound(s) (weight)	p.p.m.	= parts per million
ca.	= (<i>circa</i>) approximately	LC or LD	= lethal concentration or lethal dose	r.h.	= relative humidity
c.a.i.	= current annual increment	m.a.i.	= mean annual increment	s.l.	= <i>sensu lato</i>
cf.	= (<i>confer</i>) compare			sp.gr	= specific gravity
cv(s).	= cultivar(s)	min	= minutes	s.s	= <i>sensu stricto</i>
d.b.h.	= diameter, breast height	m.c.	= moisture content	u.b.	= under bark
gal	= gallon(s)	o.b.	= over bark	viz.	= <i>videlicet</i> ; namely
(1 US gal = 0.84 English gal)				vs.	= <i>versus</i> ; compared with
				wt.	= weight
				Also FA	= Forestry Abstracts

(b) Symbols include:

	= parallel (in timber testing, 'parallel to grain')	⩾	= not greater than
⊥	= at 90°; perpendicular (in timber testing, 'perpendicular to grain')	⩽	= not less than
≈	= approximately equals	×	(with scientific names) = hybrid
>	= greater than	+	(with scientific names) = graft
<	= less than		chimaera; asexual hybrid
≥	= equal to or greater than	♂(s)	= male(s)
≤	= equal to or less than	♀(s)	= female(s)
		♂(s)	= hermaphrodite(s)

5. Dissertation Abstracts International

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(a) *Back references* to notices in previous issues of *Forestry Abstracts* are given in square brackets in the text and indicate the volume and abstract number, e.g. [cf. FA 26, 1473] — except for Vols. 1 to 5, in which the author's name and page number are cited.

(b) *Cross references* to notices appearing in the same number of *Forestry Abstracts* are given under the classification headings.

e.g. 864. Utilization of Lignin
See also absts. 5769, 6062.

Cross references may also occur in the text of abstracts.

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ERRATA

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Volume 19 Author Index

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8	Col. 3	after 'Fukarek, P.' for '1795' read '2795'
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Volume 32 Author Index

899	Col. 2	after 'Ingestad, T.' for '5661' read '5611'
907	Col. 2	after 'Marchessault, R.H., and Skaar, C.' for '3233' read '3293'

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853	Col. 1	insert 'Golubović, U. 6742'
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Volume 34

218	2407	2	for 'Malgasian' read 'Malagasian'
584	6315	3&12	for ' <i>Carissa carandus</i> ' read ' <i>Carissa carandas</i> '

Species Index

727	Col. 3	for ' <i>Carissa carandus</i> ' read ' <i>Carissa carandas</i> '
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Volume 35

56	522	3	for 'Malgasian' read 'Malagasian'
216	2182	1	for 'BERGMAN, F.' read 'BERGMANN, F.'

Author Index

792	Col. 4	after 'Bergman, F.' delete 2182
		after 'Bergmann, F.' add 2182

Volume 36

429	4781	1	for 'SCHANTE, P.' read 'SCHANTL, P.'
654	7429	1	for 'SALTER, R.L.' read 'SATTER, R.L.'

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748	Col. 3	delete 'Salter, R.L., 7429'
	Col. 4	insert 'Satter, R.L., 7429'
		for 'Schante, P.' read 'Schantl, P.'

Species Index

766	Col. 2	for 'pollen control by' read 'pollution control by'
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67	775	1	for 'LEAF, C.L.' read 'LEAF, C.F.'
232	2601	2	for 'MOLANZEZ, A.F.' read 'MILANEZ, A.F.'
331	3697	last	for ' <i>ocheterenai</i> ' read ' <i>ochoterenai</i> '
482	5338	1	for 'SIDORA, I.I.' read 'SIDOROV, I.I.'
483	5358	1	for 'SHÖPFER, W.' read 'SCHÖPFER, W.'
523	5663	1	for 'BIBLYNK, N.I.' read 'BIBLYUK, N.I.'
553	5987	1	for 'HAYNES, R.A.' read 'HYNES, R.A.'
584	6319	1	for 'JACOBSSON, O.' read 'JACOBSON, O.'

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719	Col. 1	for 'Biblynk, N.I.' read 'Biblyuk, N.I.'
726	Col. 1	delete 'Haynes, R.A. 5987'
727	Col. 1	insert 'Hynes, R.A. 5987'
	Col. 2	for 'Jacobsson, O.' read 'Jacobson, O.'
738	Col. 2	after 'Schöpfer, W.' insert '5358'
739	Col. 1	delete 'Shöpfer, W. 5358'
		for 'Sidora, I.I.' read 'Sidorov, I.I.'

25	184	3	after '6 ref.' insert 'OBD'
42	363	4	for 'enanctiomers' read 'enantiomers'
45	391	7	for 'Kamaus' read 'Manaus'
59	552	7	for ' <i>indica</i> ' read ' <i>indicola</i> '
73	701	7	for ' <i>curvisepals</i> ' read ' <i>curvisepala</i> '
106	1030	1	for 'THEM, D.' read 'DOAN - THEM'
169	1665	1	for 'SEVENTSCHY, W.' read 'SERENTSCHY, W.'
175	1707	5	for 'addenda' read 'addendum'
196	1900	1	for 'RENNIE, J.G.' read 'RENNIE, J.C.'
216	2076	1	for 'NAHL, I.' read 'NAHAL, I.'
251	2430	1	for 'FISWICK, R.W.' read 'FISHWICK, R.W.'
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304	2980	20	for ' <i>R.P. Sarma</i> ' read ' <i>R.P. Sarna</i> '
313	3084	2	for '(1976)9', read '(1976)29(9)'
327	3235	1	for 'HOZULÁK, J.' read 'HUZULÁK, J.'
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454	4554	1	for 'BECERRA MARTÍNEZ, J.' read 'BECERRA MARTÍNEZ, J.'
576	5718	8	for ' <i>H.E. Edlin</i> ' read ' <i>H.L. Edlin</i> '
584	5815	2	for 'SCHMITTHENER, A.F.' read 'SCHMITTHENNER, A.F.'
616	6122	1	for 'BETHLAMY, N.' read 'BETHLAHMY, N.'